

## DUTCH CREEK ECOLOGICAL MANAGEMENT UNIT LOCATION DESCRIPTION AND PROPOSED ACTIONS OUACHITA NATIONAL FOREST – POTEAU/COLD SPRINGS RANGER DISTRICT - SCOTT COUNTY, ARKANSAS

The District Ranger on the Poteau-Cold Springs Ranger District, Ouachita National Forest, proposes to implement management activities in the January Ecological Management Unit (Compartments 298, 299, 300, 301, and 302) henceforth referred to as Dutch Creek. Activities proposed include timber harvesting, silvicultural treatments, wildlife treatments, and road system improvements. These activities should begin in 2022, if an action alternative is selected. Dutch Creek project area consists of 5,465 acres of national forest lands and 3,199 acres of private land. See the table below.

Table 1.1: Summary of existing National Forest lands, private ownership in the *Dutch Creek* analysis area. These are **approximate** acres only based on Geographical Information Systems (GIS).

Land Designation	Total
<b>National Forest Management Areas</b>	
MA 14 (Ouachita Mountains-Habitat Diversity Emphasis - Suitable for Timber Harvest)	3,049
MA 14 (Ouachita Mountains-Habitat Diversity Emphasis - Unsuitable for Timber Harvest)	2,300
Total MA 14	<b>5,349</b>
MA 2 (Special Areas – Dutch Creek – C-302 Stands 5 and 18)	116
<b>Total Acres of National Forest</b>	<b>5,465</b>
<b>Private acres within boundary</b>	<b>3,199</b>
<b>Total Acres within project area (private and NF lands)</b>	<b>8,664</b>

### Location

Dutch Creek project area is in Township 3 North, Range 27 West Sections 13-15, 22-24, and 25-27, T3N R26W Sections 1-4, Sections 7-13 and Sections 15-20; and T4N R26W Sections 35 and 36 in Scott County, Arkansas immediately west of the Yell County line. Dutch Creek is located approximately 10 miles east of Waldron, Arkansas and approximately 15 miles south of Magazine, Arkansas. Blue Ball community is located to the northeast of this project area. See Location Map below.

### Management Areas

Management actions are needed to move the project area towards the design criteria for Management Area 14 (Ouachita Mountains-Habitat Diversity Emphasis) and Management Area 2 (Special Areas/Dutch Creek) in the Revised Forest Plan (USDA Forest Service. 2005a.) as of 10/14/2021. Detailed descriptions of these management areas are located:

[https://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/fsm9\\_039609.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fsm9_039609.pdf).

Table 1.2: Age Class Distribution for All Forested Land by Forest Type Projected for 2021.

Dutch Creek MA 14 - Age Class Distribution for All Forested Land By Forest Type Projected For 2021							
Age Class	(Acres)					Acres	Percent
	SLP	Pine/Hwd	Hardwood	Hwd/Pine	Cedar		
0 – 10	0					0	0%
11 – 20	145					145	3%
21 – 30	210	16				226	4%
31 – 40	224	33	0	60		317	6%
41 – 50						0	0%
51 – 60		42				42	1%
61 – 70	101					101	2%
71 – 80	358					358	7%
81 – 90	484	377	16	318		1,195	22%
91-100	698	779	369	211		2,057	38%
101-110	231	377	110	80		798	15%
111-120			35	48		83	2%
121-130			29			29	1%
131-140		31		4		35	1%
141-150						0	0%
151-160			66	13		79	1%
160+						0	0%
<b>Acres</b>	2,451	1,655	625	734	0	5,465	
<b>Percent</b>	45%	30%	11%	13%	0%		100%



# DUTCH CREEK EMU Location Map

Compartments 298, 299,  
300, 301, and 302  
Scott County, Arkansas

Map Creation Date January 06, 2021

Cold Springs Ranger District  
Scott, Logan &  
Yell Counties, Arkansas  
U.S. Forest Service - R8  
Ouachita National Forest

For more information, contact  
the Cold Springs Ranger District  
at 2190 E. Main Street,  
Booneville, AR or phone  
(479) 675-4743.

-  Dutch Creek Project Area
-  Dry Creek Wilderness
-  Hogan Mtn Walk-in Turkey Area
-  Highways
-  Roads
-  ONF\_ABBA

The USDA Forest Service makes no  
warranty, expressed or implied regarding  
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## Vicinity Map

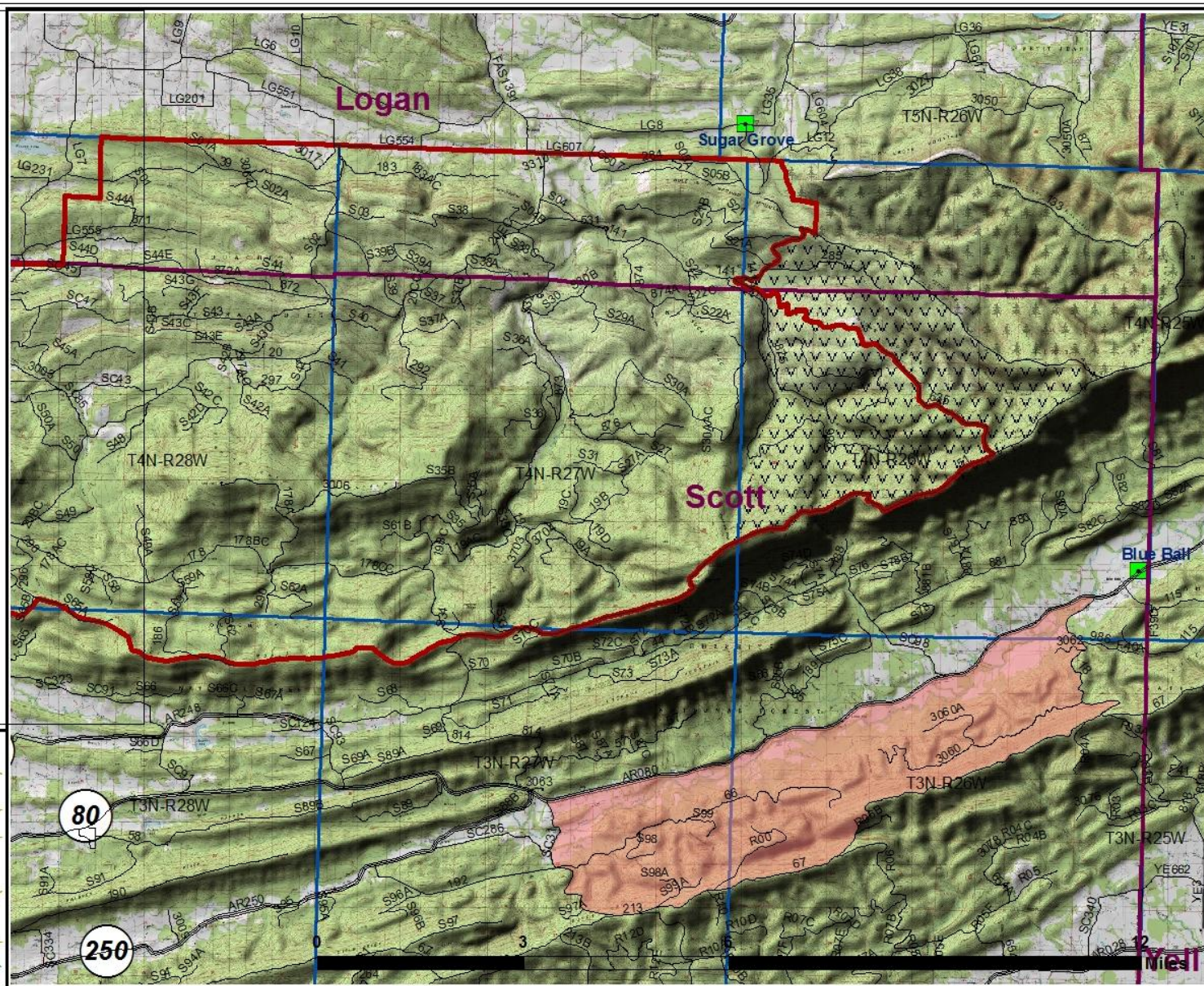


FIGURE 1: LOCATION MAP



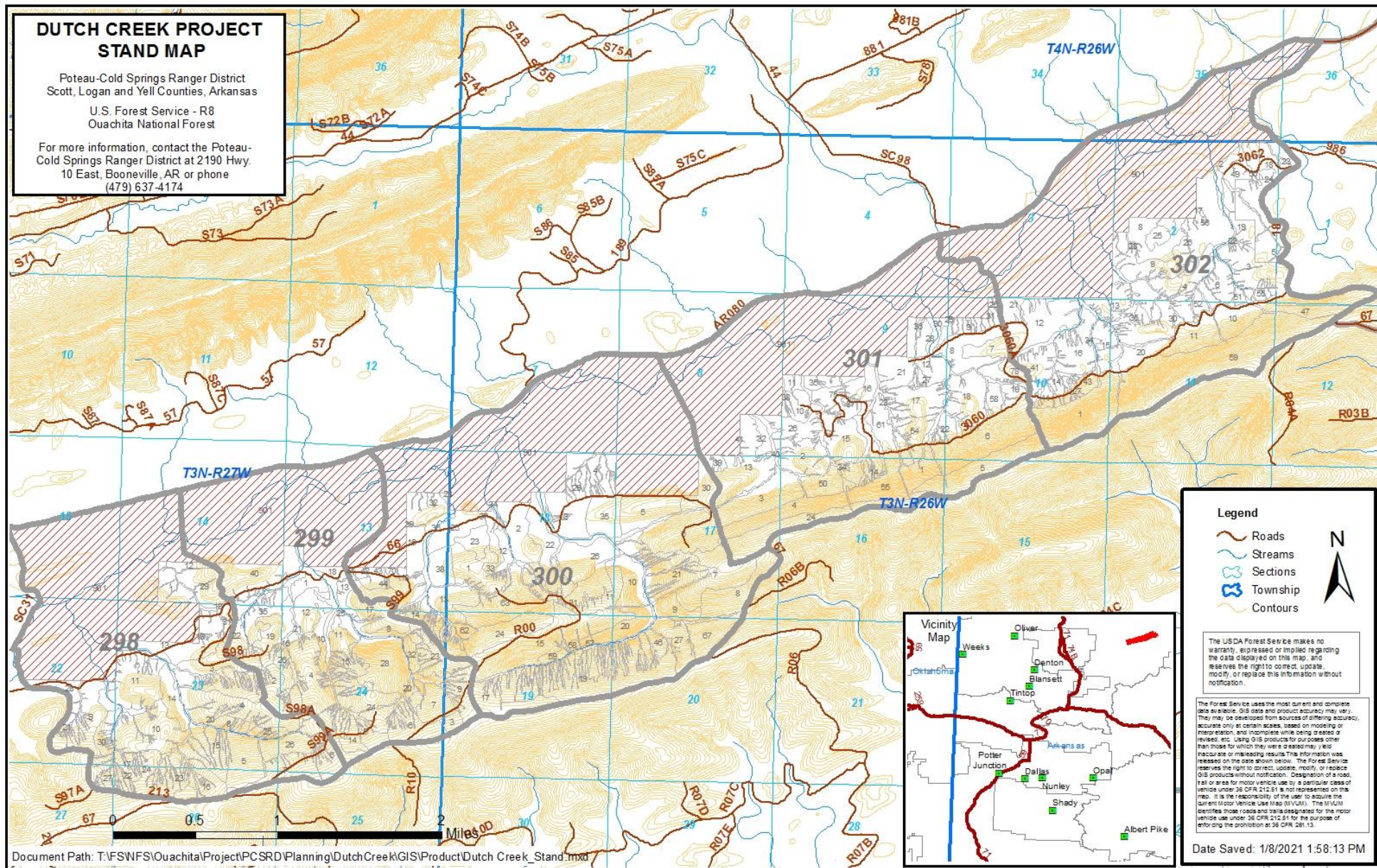


FIGURE 2: STAND MAP



Table 1.3: Summary of existing National Forest lands in the Dutch Creek analysis area. These are approximate acres only.

PROPOSED ACTION SUMMARY OF TREATMENTS PRESCRIBED	C-298	C-299	C-300	C-301	C-302	TOTAL
<b>HARVEST TREATMENTS</b>						
Commercial Thinning Pine 70 BA	0	0	0	0	7	7
Commercial Thinning Pine 70 BA / Hardwood 10 BA	98	83	358	147	400	1086
Commercial Thinning - 20' spacing or 70 BA pine (acres)	0	0	0	67	0	67
<b>subtotal</b>	<b>98</b>	<b>83</b>	<b>358</b>	<b>214</b>	<b>407</b>	<b>1160</b>
Modified Seed Tree	101	101	117	77	25	421
<b>TOTAL HARVEST TREATMENTS</b>	<b>199</b>	<b>184</b>	<b>475</b>	<b>291</b>	<b>432</b>	<b>1581</b>
<b>SILVICULTURAL TREATMENTS</b>						
Reforestation of New Regen Sites (Seed Trees)	101	101	117	77	25	421
Timber Stand Improvements	101	171	117	114	63	566
<b>FUELS TREATMENT</b>						
Fireline Maintenance (miles)						2.2
Fireline Construction (miles)						25
Multi-purpose Burning 3-5-year intervals (acres)	846	769	1,552	1,109	1,189	5,465
<b>WILDLIFE TREATMENTS</b>						
WSI - option to use hand tool, herbicides or mechanical (acres) (in thinning and RCW cluster areas)	98	83	358	147	407	1093
WSI - option to use hand tool, herbicides or mechanical (acres) (in thinning and RCW cluster areas)	98	83	358	147	407	1093
Nest Boxes (#) (2 per ponds/2 per regen sites)	6	8	6	4	2	26
Pond Construction (#)	3	2	5	4	7	21
Pond Reconstruction (#) ( <i>see map for locations</i> )	4	2	3	4	1	14
Pond Access (miles)	3	1	5	7	4	20
Temporary Wildlife Openings (logging decks - approx #)						78
<b>TRANSPORTATION TREATMENTS</b>						
Construction (miles) ( <i>see map for locations</i> )						0.00
Reconstruction (miles) ( <i>see map for locations</i> )						10.69
Pre-Haul Maintenance (miles) ( <i>see map for locations</i> )						11.92
Temporary Road Construction (miles) ( <i>see map for locations</i> )						7.47
Obliteration (miles) ( <i>see map for locations</i> )						0.00
Decommissioning (miles) ( <i>see map for locations</i> )						0.00
Haul Restriction (miles -- SC31 – County bridge limited to 8 tons)						1.17
<b>OTHER TREATMENTS</b>						
Firewood Areas (yes/no)						YES
Landline Maintenance (yes/no)						YES
Feral Hog Control (yes/no)						YES

**Hardwoods** may be harvested in stands identified for pine harvesting, where available, leaving a minimum hardwood component of 10 percent of the total basal area in dominant or co-dominant crown classes. Favor oaks and hickories (Revised Forest Plan, VM004, pp. 79) or 10 basal area per acre.

**All Regeneration Stands** would have reforestation and timber stand improvement (TSI) activities (Site Prep Burn, Hand tool site Preparation and/or Mechanical Scarification, and TSI – hand tool release, herbicide release, (multiple times if necessary). If activities are not successful in naturally establishing shortleaf pine, rip and plant with shortleaf pine containerized seedlings; hand tool release, and/or herbicide release. These activities may be repeated as necessary to

obtain adequate shortleaf pine regeneration. Once seedlings are established, within 5 to 10 years, pre-commercial thinning may be utilized.

**Firelines** would be constructed around perimeters of all natural and artificial regeneration areas (i.e. shelterwood, seedtree, or existing regeneration areas). The mechanically constructed fireline would be bladed down to mineral soil and approximately 8 feet wide. Bladed lines would be water barred as necessary on slopes to limit soil movement. Firelines would normally be installed within 50 feet either side of stand boundaries. The purpose of a fireline is for “control” if a prescribed fire is applied to the stands for site preparation and/or to exclude fire during years of stand development.

**Permits** would be offered to the public for collection of rocks by private individuals within road construction and reconstruction corridors. That is, rocks can be collected within areas of disturbance associated with road construction and reconstruction. Firewood and shale pit permits may be issued.

**Red-cockaded Woodpecker (RCW) Treatments** – In the event a new RCW cavity tree is found or started within this project area, the RCW Species Recovery Plan and Ouachita National Forest Revised Forest Plan standards would apply and management of that cavity tree or cavity tree cluster area would begin immediately. The immediate area, including streamside management zones (Revised Forest Plan standard 22.05 pp. 120), that surround the tree (10 acres) would be identified as an active cluster and all activities associated with enhancing and protecting the cluster would begin.

Other activities in this new cluster would include use of cavity restrictors, snake and squirrel excluder devices, artificial cavities, single-bird augmentations, multiple-bird group-initiations, brush hogging in cavity tree clusters, removal of southern flying squirrels, population/nest monitoring, cavity maintenance and southern pine beetle (SPB) and Ips control efforts.

In active, inactive, and recruitment clusters, retain no more than 10 square feet of basal area per acre in overstory hardwoods within each 10-acre cluster. Remove all hardwoods within 50 feet of cavity trees. (Revised Forest Plan pg 122; 22.17).

**Wildlife Monitoring** - Maintain existing wildlife openings with RX burning and/or brush hogging as needed. Option to seed native or cool season, as needed, for wildlife habitat. All Wildlife Stand Improvements (WSI) would have option to utilize herbicides, if needed. Two nest boxes would be installed at each pond and regeneration stands.

Table 1.4: Estimated Volumes for Proposed Timber Harvests.

Prescription	Project Acres	Estimate CCF/Acre	Estimate Total CCF	CCF * 0.2	Estimate Total CCF minus 20%	BF	MBF	MMBF
Modified Seed Tree Method of Regeneration	421	15	6,315	1263	5,052	2,526,000	2,526	2.526
Thin Pine to 70 BA	7	5	35	7	28	14,000	14	0.014
Thin Pine to 70 BA and Hwd to Minimum 10 BA	1,086	5	5,430	1086	4,344	2,172,000	2,172	2.172
Thin Pine to 20' Spacing	67	15	1,005	201	804	402,000	402	0.402
<b>Total =</b>	<b>1,581</b>		<b>12,785</b>		<b>10,228</b>	<b>5,114,000</b>	<b>5,114</b>	<b>5.114</b>

**Table 1.5: Matrix of Needed Road Work Dutch Creek EMU**

Road Name	Segment	Type of Work	Description
192	N/A	Reconstruction	For <b>0.02</b> miles from M.P. 1.54 to 1.56 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain an open road year-round after harvest
3060	N/A	Reconstruction	For <b>2.98</b> miles from M.P. 0.00 to 0.28 and 0.33 to 0.39 and 0.5 to 0.54 and 0.6 to 0.76 and 1.28 to 1.48 and 1.69 to 1.76 and 1.84 to 1.87 and 1.91 to 4.06 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. From M.P. 0.00 to M.P. 1.91 will remain open year-round after harvest. From M.P. 1.91 to 4.06 will be closed year-round after harvest.
3060A	N/A	Reconstruction	For <b>0.89</b> miles from M.P. 0.3 to 0.46 and 0.58 to 1.31 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain an open road year-round after harvest
3062	N/A	Reconstruction	For <b>0.38</b> miles from M.P. 0.00 to 0.38 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain a closed road year-round after harvest.
66	N/A	Reconstruction	For <b>2.08</b> miles from M.P. 0.22 to 0.28 and 1.01 to 1.34 and 1.68 to 1.95 and 2.27 to 2.33 and 2.44 to 2.5 and 3.01 to 3.43 and 3.71 to 4.59 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain an open road year-round after harvest
67	N/A	Reconstruction	For <b>0.46</b> miles from M.P. 27.97 to 28.01 and 28.43 to 28.86 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain an open road year-round after harvest
R00	N/A	Reconstruction	For <b>2.04</b> miles from M.P. 0.00 to 2.04 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain a closed road year-round after harvest
S98	N/A	Reconstruction	For <b>0.69</b> miles from M.P. 0.00 to 0.69 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain a closed road year-round after harvest
S98A	N/A	Reconstruction	For <b>0.29</b> miles from M.P. 0.00 to 0.29 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain a closed road year-round after harvest
S99A	N/A	Reconstruction	For <b>0.86</b> miles from M.P. 0.00 to 0.86 apply gravel to road surface and add or replace culverts as needed. Reestablish roadbed and ditches, clearing and grubbing of road right-of-way, surface blading. This will remain a closed road year-round after harvest
			<b>Total Reconstruction – 10.69 miles.</b>
3060	N/A	Prehaul Maintenance	For <b>1.08</b> miles from M.P. 0.28 to 0.33 and 0.39 to 0.5 and 0.54 to 0.6 and 0.76 to 1.28 and 1.48 to 1.69 and 1.76 to 1.84 and 1.87 to 1.91 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. From M.P. 0.00 to M.P. 1.91 will remain open year-round after harvest. From M.P. 1.91 to 4.06 will be closed year-round after harvest.
3060A	N/A	Prehaul Maintenance	For <b>0.55</b> miles from M.P. 0.00 to 0.3 and 0.46 to 0.58 and 1.31 to 1.43 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
66	N/A	Prehaul Maintenance	For <b>2.57</b> miles from M.P. 0.00 to 0.22 and 0.28 to 1.01 and 1.34 to 1.68 and 1.95 to 2.27 and 2.33 to 2.44 and 2.5 to 3.01 and 3.43 to 3.71 and 4.59 to 4.65 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
67	N/A	Prehaul Maintenance	For <b>2.70</b> miles from M.P. 26.52 to 27.97 and 28.01 to 28.43 and 28.86 to 29.68 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
R02	N/A	Prehaul Maintenance	For <b>0.6</b> miles from M.P. 0.00 to 0.6 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This

			will remain a closed road year-round after harvest.
<b>R06</b>	N/A	Prehaul Maintenance	For <b>1.92</b> miles from M.P. 0.00 to 1.92 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
<b>R07A</b>	N/A	Prehaul Maintenance	For <b>0.33</b> miles from M.P. 0.00 to 0.33 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
<b>R07B</b>	N/A	Prehaul Maintenance	For <b>1.29</b> miles from M.P. 0.00 to 1.29 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain an open road year-round after harvest.
<b>S98</b>	N/A	Prehaul Maintenance	For <b>0.23</b> miles from M.P. 0.69 to 0.91 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain a closed road year-round after harvest.
<b>S99</b>	N/A		For <b>0.65</b> miles from M.P. 0.00 to 0.65 brush hogging and dozer work to reestablish roadbed and ditches, apply gravel and fill material where needed, maintain drainage structures. This will remain a closed road year-round after harvest.
			<b>Total Prehaul Maintenance – 11.92 miles</b>
<b>SC31</b>	N/A	Restricted Haul	For <b>1.17</b> miles from M.P. 0.00 to 1.17 this route is restricted for weight limits on county bridge. No trucks over 8 tons allowed to cross.
			<b>Total Restricted Haul – 1.17 miles</b>
<b>Temp Roads</b>			<b>7.47</b> miles – Many of these are old roads that would be opened. A few would be new. All temporary roads would be closed after harvest.
<b>Various</b>		Decks	Approximately 78 decks to be seeded as temporary wildlife openings.

**Table 1.6: Compartment 298**

STAND	LC	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commercial Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
1	500	21	21		21					21			
2	500	34	34				34	34	34		2		
3	500	60	60										
4	598	57	57										
5	820	39	39										
6	500	34	34		34					34		1	
7	598	35	35		35					35			1
8	821	10	10										
9	500	40	40				40	40	40		2		1
10	500	59	59									1	
11	500	59	59									1	
12	500	7	7										
13	500	13	13										
14	821	22	22										
15	500	37	37										
16	500	27	27				27	27	27		2		
17	500	11	11										
18	828	7	7										
19	828	1	1									1	
20	828	56	56										
21	828	6	6										
22	828	25	25										
23	500	28	28										
24	500	19	19										1
25	500	8	8		8					8			
26	820	24	24										
27	500	15	15										
28	500	28	28										
29	500	31	31										
30	500	24	24										
31	500	9	9										
901	Private	589	0										
<b>TOTAL</b>		<b>1435</b>	<b>846</b>	<b>0</b>	<b>98</b>	<b>0</b>	<b>101</b>	<b>101</b>	<b>101</b>	<b>98</b>	<b>6</b>	<b>4</b>	<b>3</b>



### Table 1.7: Compartment 299

[illegible]

C-299 STAND	LAND CLASS	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commercial Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
35	500	26	26				26	26	26		2		
40	500	49	49										
901	Private	422	0										
<b>TOTAL</b>		<b>1191</b>	<b>769</b>	<b>0</b>	<b>83</b>	<b>0</b>	<b>101</b>	<b>101</b>	<b>171</b>	<b>83</b>	<b>8</b>	<b>2</b>	<b>2</b>



### Table 1.8: Compartment 300

[illegible]

C-300 STAND	LAND CLASS	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commerical Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
29	828	6	6										
30	500	23	23										
31	828	118	118										
32	828	1	1										
33	500	15	15										
34	828	11	11										
35	500	31	31										
36	828	30	30										
37	828	0	0										
38	500	20	20		20					20			
39	828	0	0										
40	828	0	0										
41	828	5	5										
42	828	0	0										
43	820	3	3										
44	828	1	1										
45	828	0	0										
46	500	8	8		8					8			
57	821	2	2										
58	821	2	2										
59	821	5	5										
62	821	5	5										
63	821	61	61										
67	821	33	33										
70	820	2	2										
901	Private	774	0										
<b>TOTAL</b>		<b>2326</b>	<b>1552</b>	<b>0</b>	<b>358</b>	<b>0</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>358</b>	<b>6</b>	<b>3</b>	<b>5</b>



### Table 1.9: Compartment 301

[illegible]

C-301 STAND	LAND CLASS	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commerical Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
30	500	3	3										
31	828	3	3										
32	820	9	9										
34	828	17	17										
35	500	12	12			12							
36	500	19	19		19					19			
37	828	3	3										
38	828	2	2										
39	828	4	4										
40	828	15	15										
41	828	2	2										
50	821	22	22										
54	500	30	30										
55	821	36	36										
58	500	10	10		10					10			
61	500	21	21										
75	500	30	30			30						1	
78	500	6	6			6						1	
901	Private	656	0										
<b>TOTAL</b>		<b>1765</b>	<b>1109</b>	<b>0</b>	<b>147</b>	<b>67</b>	<b>77</b>	<b>77</b>	<b>114</b>	<b>147</b>	<b>4</b>	<b>4</b>	<b>4</b>

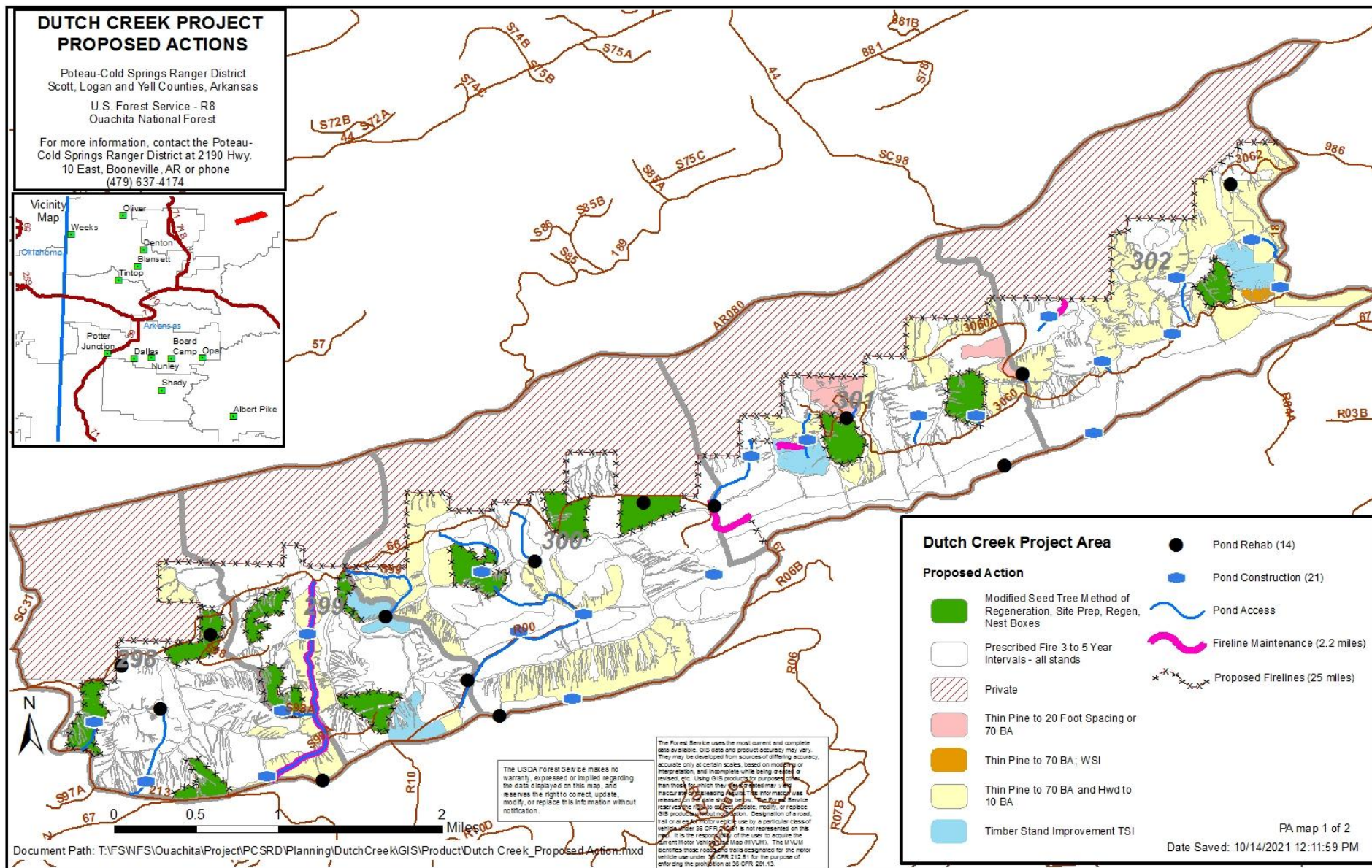


**Table 1.10: Compartment 302**

STAND	LC	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commerical Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
1	821	87	87										1
2	500	1	1										
3	500	38	38						38				
4	500	38	38										1
5	310*	93	93		93					93			1
6	500	25	25				25	25	25		2		
7	500	9	9										
8	500	36	36										
9	500	45	45		45					45			
10	820	29	29		29					29			
11	820	35	35										
12	500	60	60										1
13	500	74	74		74					74			1
14	500	12	12										
15	500	21	21		21					21			1
16	500	42	42										
17	500	1	1										
18	310*	23	23		23					23			
19	500	19	19		19					19			1
20	820	18	18										
21	828	17	17										
22	828	35	35										
23	828	2	2										
24	828	8	8										
25	828	9	9										
26	828	5	5										
27	500	2	2										
28	828	2	2										

\*Management Area 2 (Special Interest Area – Dutch Creek)

C-302 STAND	LAND CLASS	ACRES	FUELS	HARVEST				SILVICULTURE		WILDLIFE			
				Commerical Thinning			Modified Seed Tree	Reforestation of New Regen Sites (Seed Tree)	Timber Stand Improvements			Ponds	
			3-5 YR rotation	Pine 70 BA	Pine 70 BA Hwd 10 BA	Pine 20 ft Spacing or 70 BA		Site Prep, Natural or Artificial Reforestation, Release, PCT	Site Prep, Natural or Artificial Reforestation, Release, PCT	WSI	Nest Boxes	Existing	New
30	828	19	19										
34	828	44	44										
35	828	3	3										
41	500	29	29		29					29			
43	500	8	8										
44	500	6	6										
47	820	22	22										
49	500	15	15									1	
50	500	1	1										
51	500	4	4		4					4			
52	500	6	6		6					6			
55	500	7	7	7						7			
56	500	57	57		57					57			
59	821	182	182										
901	Private	758	0										
<b>TOTAL</b>		<b>1947</b>	<b>1189</b>	<b>7</b>	<b>400</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>63</b>	<b>407</b>	<b>2</b>	<b>1</b>	<b>7</b>





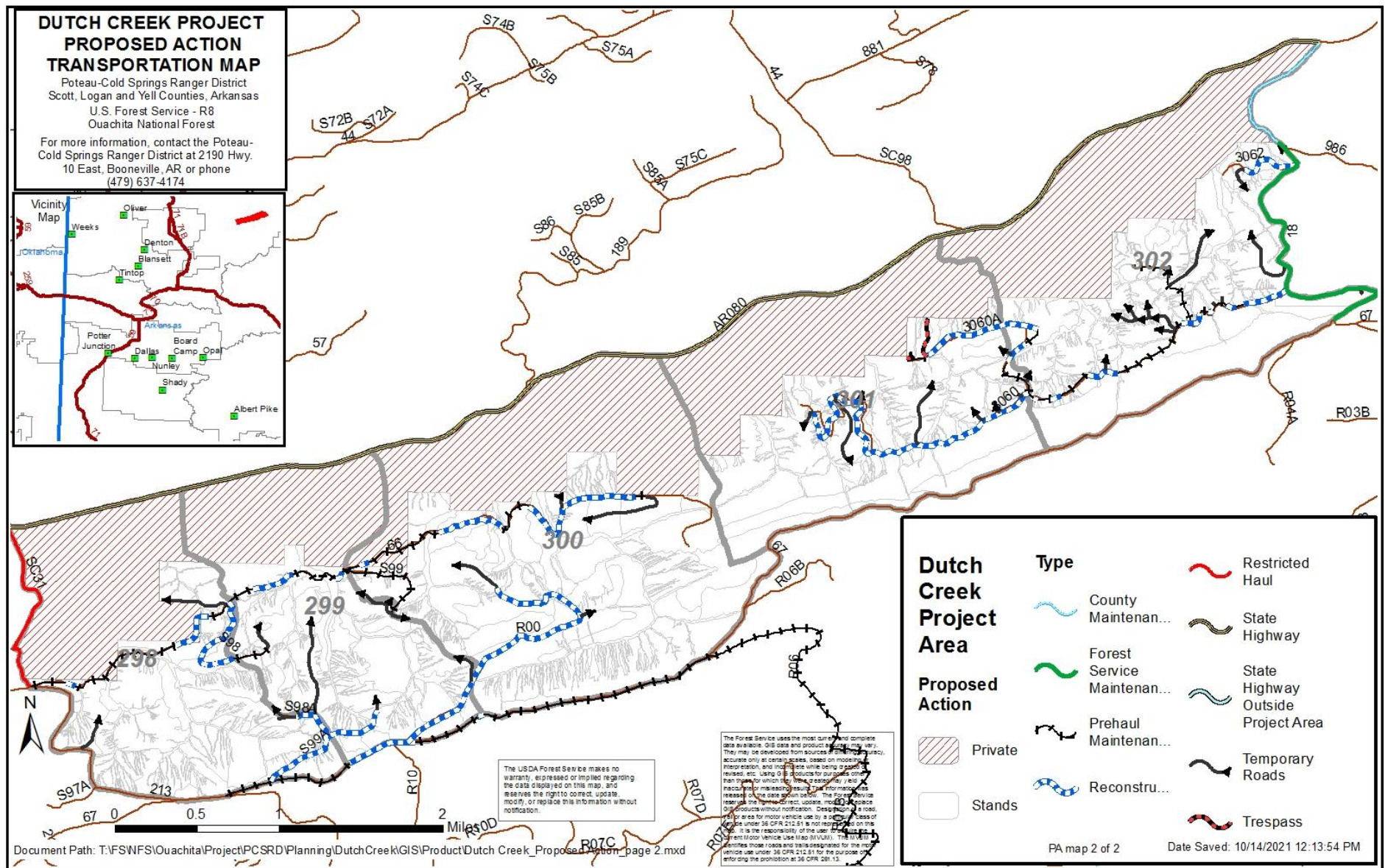


FIGURE 4: TRANSPORTATION PROPOSAL